

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60097 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 7 2012

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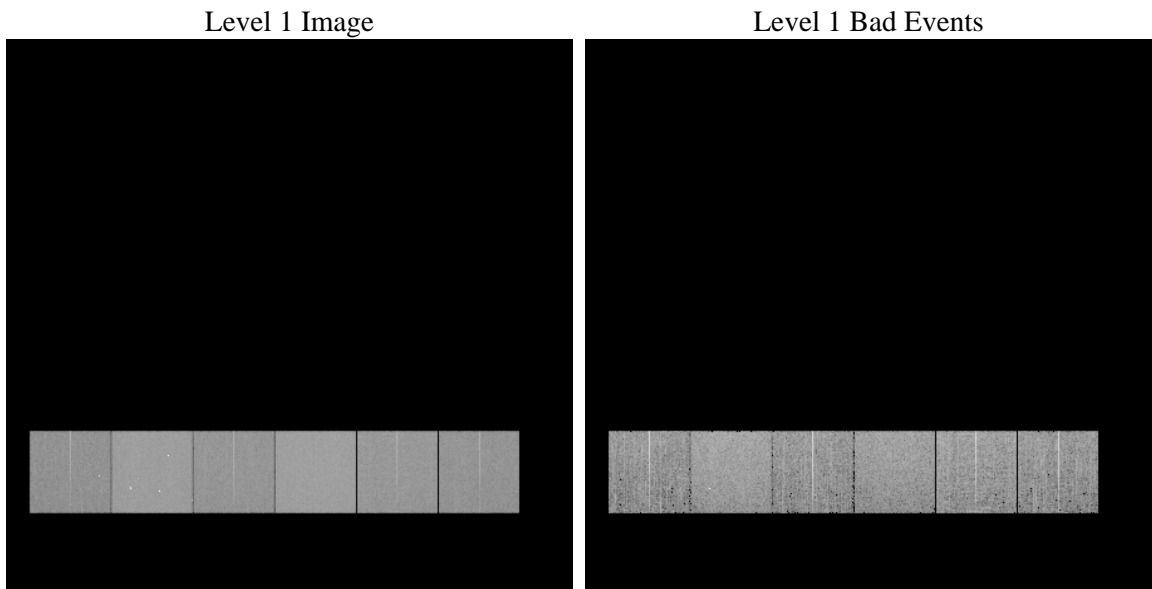
1 Front

seq_num	 	Sequence number
obs_id	60097	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	318.02123454161	Nominal RA [deg]
dec_nom	-16.01905714224	Nominal Dec [deg]
roll_nom	285.66695835519	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7800.0940054357	Sum of GTIs [s]
livetime	7701.3245184861	Livetime [s]
ontime4	5051.6196632683	Sum of GTIs [s]
ontime5	7800.0529654324	Sum of GTIs [s]
ontime6	5613.4452168941	Sum of GTIs [s]
ontime7	7800.0940054357	Sum of GTIs [s]
ontime8	5822.9327844381	Sum of GTIs [s]
ontime9	5454.6363768578	Sum of GTIs [s]
l2events	1064177	Number of level 2 events

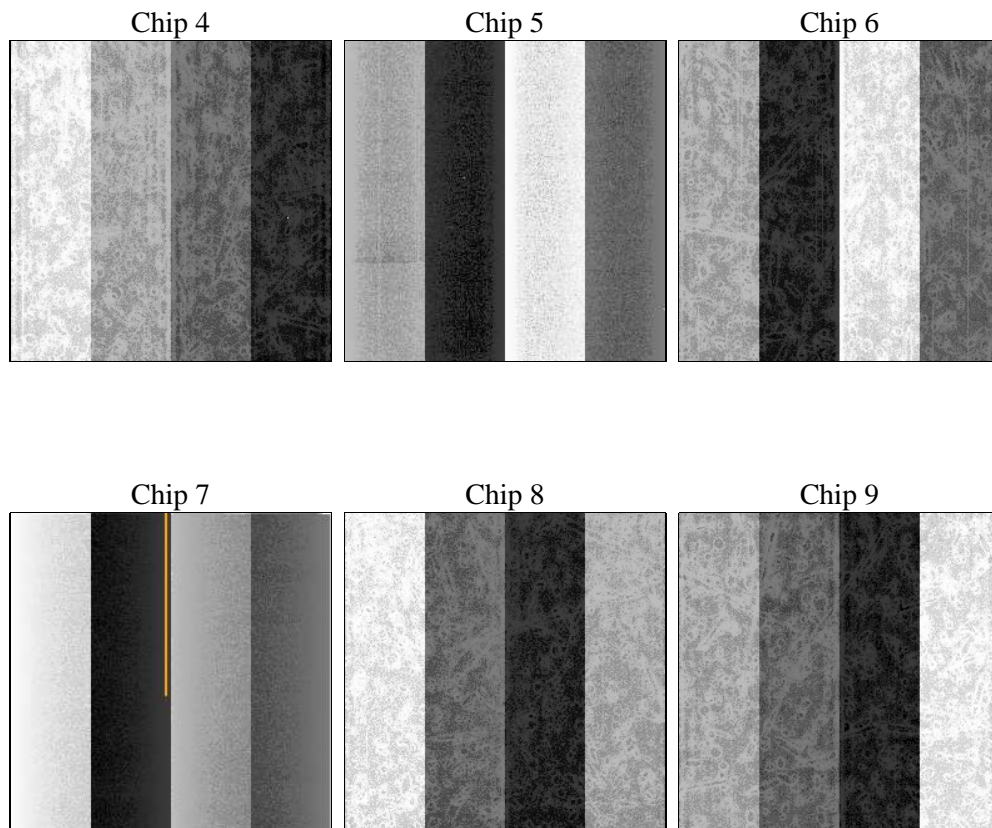
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	7800.0940054357	Sum of GTIs [s]
caldsver	4.5.4	 	ontime4	5051.6196632683	Sum of GTIs [s]
date	2012-12-07T17:26:20	Date and time of file creation	ontime5	7800.0529654324	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5613.4452168941	Sum of GTIs [s]
			ontime7	7800.0940054357	Sum of GTIs [s]
			ontime8	5822.9327844381	Sum of GTIs [s]
			ontime9	5454.6363768578	Sum of GTIs [s]
			l1events	1412517	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	185179	283979	213462	297918	231451	200528	grade 0 events	83260	53636	92710	60548	98096	86714
rejected events	42073	55760	43037	47951	51026	42599		44%	18%	43%	20%	42%	43%
rejected %	22%	19%	20%	16%	22%	21%	grade 1 events	602	629	517	166	562	539
								0%	0%	0%	0%	0%	0%
							grade 2 events	22581	80430	29472	55016	31742	27177
								12%	28%	13%	18%	13%	13%
							grade 3 events	9514	13612	10623	25020	11833	10187
								5%	4%	4%	8%	5%	5%
							grade 4 events	9437	13530	10607	24920	11773	10210
								5%	4%	4%	8%	5%	5%
							grade 5 events	2433	8917	2877	8734	3429	2859
								1%	3%	1%	2%	1%	1%
							grade 6 events	18314	67011	27013	84463	26981	23641
								9%	23%	12%	28%	11%	11%
							grade 7 events	39038	46214	39643	39051	47035	39201
								21%	16%	18%	13%	20%	19%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	318.021234541612	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-16.01905714224002	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	285.6669583551885			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	208800713.644063	208800712.61906			
Observation start date	2004-08-13T16:11:54	2004-08-13T16:11:52			
[s] Observation end time (MET)	208845959.196076	208845958.17107			
Observation end date	2004-08-14T04:45:59	2004-08-14T04:45:58			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8000940054357

A.2 Comments